



As a below named inventor, I hereby declare that:

My residence/post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and

joint inventor (if plural patent is sought on the	names a	are listed below) of the	subject matter which	ch is claimed and for which a	
•			e Column Fail Counter	r for Redundancy Allocation	
the specification of wh	ich is att	ached hereto unless th	e following box is che	cked:	
(x) was filed on F	eb 2, 20	01 as US Applic	ation Serial No. or PC	T International Application	
Number	_ and w	as amended on	(if ap	plicable).	
I hereby state that I h including the claims, a disclose all information	s amend	ed by any amendment	t(s) referred to above	above-identified specification, . I acknowledge the duty to R 1.56.	
Foreign Application(s) and/or	Claim of F	oreign Priority			
I hereby claim foreign priorit inventor(s) certificate listed b filing date before that of the	elow and t	nave also identified below an	y foreign application for pa	ny foreign application(s) for patent or Itent or inventor(s) certificate having a	
COUNTRY		APPLICATION NUMBER	DATE FILED	PRIORITY CLAIMED UNDER 35 U.S.C. 119	
				YES: NO:	
				YES: NO:	
Provisional Application					
below:	nder Title 3	35, United States Code Sec	tion 119(e) of any United	States provisional application(s) listed	
	APPL	ICATION SERIAL NUMBER	FILING DATE	7	
				_	
				7	
U. S. Priority Claim		<u> </u>		 States application(s) listed below and,	
manner provided by the first	paragraph e 37, Code	of Title 35, United States of Federal Regulations, Sec	Code Section 112, I acknowledge Code Section 1.56(a) which occurred	prior United States application in the owledge the duty to disclose material ed between the filing date of the prior	
APPLICATION SERIAL NUMB	ER	FILING DATE	STATUS (pa	(patented/pending/abandoned)	
POWER OF ATTORNEY: As a named inventor, I her business in the Patent and Tr			and/or agent(s) to prosec	cute this application and transact all	
Customer	Number	022879	Place Customer Number Bar Code Label here		
Send Correspondence to:			Direct Telephone	Calls To:	
HEWLETT-PACKARD COMPANY Intellectual Property Administration			Alexander J. Neuc	deck	
P.O. Box 272400 Fort Collins, Colorado 80527-2400			(970) 898-4931		
Fort Collins, Colorado 80	527-2400		(0.0,000.000.		
made on information ar the knowledge that wil	nd belief Ilful false 1001 of	are believed to be true statements and the li Title 18 of the United	e; and further that the ke so made are punis I States Code and tha	re true and that all statements se statements were made with hable by fine or imprisonment, at such willful false statements	
Full Name of Inventor: Bria	n Willian	n Hugh s	Citizenship: U.S	S.A	
Residence: 2733 Bianco Driv , Ft. Collins, C I rad 80521					
		Driv , Ft. C Ilins, C			

Inventor's Signature